

## A. Personal Information

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Name : Angga Dwiartama, Ph.D  
Position : Assistant Professor (*tenured position*)  
Head of Master's Program in Biomanagement  
  
Institution : Management of Biological Resources Cluster Group  
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## B. Research Interests

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Social studies of agriculture, food and the environment; Resilience of Social-Ecological Systems (SESs); Post-structural political economy [actor-network theory, assemblage, governmentality, theory of practice]; Agri-environmental governance and political ecology; Alternative Food Networks (AFNs); food security-sovereignty-justice nexus

## C. Publications

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### **Publications in peer-reviewed journals, book chapters and conference proceedings**

- Neilson, J., Pritchard, B., Fold, N. & **Dwiartama, A.** (2018). Lead firm strategies in the cocoa-chocolate global production network: an assessment of the deductive capabilities of GPN 2.0 applied to the case of Indonesia. *Economic Geography* [Impact factor: 2.735]
- Dwiartama, A.** (2018). 'From disciplinary societies to societies of control: an historical narrative of Agri-Environmental Governance in Indonesia.' In Jeremie Forney, Chris Rosin & Hugh Campbell (Eds). *Agri-environmental governance as an assemblage: multiplicity, power, and transformation*. London, UK: Routledge Publishing.
- Rosmiati, M., & **Dwiartama, A.** (2018). Strategi Pengembangan Keberlanjutan Pangan (Kasus Komoditas Cabai Merah di Kabupaten Garut). *Jurnal Agribisnis Terpadu* 10(1).
- Dwiartama, A.** (2017). *Achieving food security through alternative food movements: insights from Bandung*. Green Initiative Week in Indonesia Joint Program on Green City and Architecture with South East Asian Countries, Jakarta, Indonesia, 28 October – 4 November 2017.
- Dwiartama, A.**, Tresnadi, C., Furqon, A., & Pratama, M. F. (2017). From Initiative to Movement: The Growth and Evolution of Local Food Networks in Bandung, Indonesia. *Asian Journal of Social Science Studies*, 2(4), 91.
- Dwiartama, A.** (2017). Resilience and transformation of the New Zealand kiwifruit industry in the face of Psd disease. *Journal of Rural Studies* [Impact factor: 2.444]

- Rahmah, A., Rosmiati, M., & **Dwiartama, A.** (2017). Rantai Pangan Berkelanjutan: Kasus Komoditas Cabai di Kabupaten Garut. *Agricore*, 2(1).
- Dwiartama, A.** & Suheri, T. (2016). Youth, identity, and community resilience: an ethnographic record on a social transformation in the periurban of Bandung (in Bahasa Indonesia). *Jurnal Analisis Sosial AKATIGA* 20(1-2): 197-215.
- Dwiartama, A.**, Budi, E.M, Sarwono, J., Ekawati, E., Pratama, M.P., Hersaputri, M., Aprilia, E., & Listyana. (2016). Pemanfaatan sumberdaya hayati berkelanjutan melalui Indikasi Geografis: bambu temen surade sebagai bahan baku angklung padaeng. *Prosiding Seminar Nasional Pendidikan Biologi & Biologi FMIPA UNY, 26 November 2016*. B-13 pp.143-155.
- Dwiartama, A.** (2016). Resilience thinking, fluidity, and the agency of a quasi-actant. *Dialogues in Human Geography* 6(1): 28-31 [Impact factor: 1.243]
- Dwiartama, A.** & Piatti, C. (2016). Assembling local, assembling food security. *Agriculture and Human Values* 33: 153-164 [Impact factor: 1.359]
- Piatti, C. & **Dwiartama, A.** (2016). From Food Security to the Enactment of Change: Introduction to the Symposium. *Agriculture and Human Values* 33: 135-139 [Impact factor: 1.359]
- Dwiartama, A.**, Rosin, C., & Campbell, H. (2016). 'Worlds of Rice: Understanding agrifood systems as assemblages'. In Richard Le Heron, Hugh Campbell, Nick Lewis & Michael Carolan (Eds). *Biological Economies: Experimentation and the politics of agrifood frontiers*. London, UK: Routledge Publishing.
- Dwiartama, A.** & Rosin, C. (2014). Exploring agency beyond humans: the compatibility of actor-network theory (ANT) and resilience thinking. *Ecology and Society* 19(3): 28 [Impact factor: 3.310]
- Rosin, C., **Dwiartama, A.**, Grant, D., & Hopkins, D. (2013). Using provenance to create stability: State-led territorialisation of Central Otago as assemblage. *New Zealand Geographer* 69(3): 235-248 [Impact factor: 0.526]

#### **[Articles in progress]**

- Dwiartama, A. (in prep.) Assembling the agro-digital landscapes in Indonesia: a preliminary study. *To be submitted to Sociologia Ruralis*.
- Dwiartama, A., Neilson, J. & Permadi, D. (in prep.) Hilirisasi: Resource-based industrialisation (RBI) in the Indonesian coffee and cocoa sectors. *To be submitted to Bulletin of Indonesian Economic Studies*.
- Piatti, C. & Dwiartama, A. (in prep.) Provenance for Whom? A Comparative Analysis of Geographical Indications in the EU and Indonesia. *To be submitted as a chapter in The Role and Significance of Geographical Indication as a Tool for the Development and Democratization of Agri-Food* (Eds: A. Bonanno, K. Sekine & H. Feuer). Routledge.
- Dwiartama, A. (in prep.) Historicizing Indonesia's position within the global agriculture and food relations: a sociological narrative. *To be submitted to Asian Social Science*.

#### **Scientific and technical reports**

- Neilson, J., Morrison, M., **Dwiartama, A.**, Utami, R., Patunru, A., & Pritchard, B. (2017). *Food Processing and Value Chain Development in Indonesia*. The Australia-Indonesia Centre.

- Riqqi, A., **Dwiartama, A.** & Afriyanie, D. (2017). *Environmental Management Planning for West Java Province*. Technical Report for the Regional Environmental Agency of West Java.
- Dwiartama, A.**, & Iriani, P. (2016). *A Biodiversity study of Kampung Blekok (Ardeola speciosa) in Bandung*. Research Report for PT. Pertamina (Persero).
- Dwiartama, A.**, Iriani, P. & Suroso, A. (2015). *A monitoring report on the implementation of Biodiversity Management Plan (BMP) in the construction of Access Roads for the development of Upper Cisokan Hydroelectric Dam*. Technical Report for PT. PLN (Persero).
- Dwiartama, A.**, Fukuda, Y., Woodford, K., Manhire, J., Moller, H., Mavromatis, G., ... & Rosin, C. (2013). *International research collaboration for agricultural sustainability: opportunities for partnership with the New Zealand Sustainability Dashboard*. The NZ Sustainability Dashboard Research Report 13/11. Published by ARGOS.
- Rosin, C., **Dwiartama, A.**, & Hunt, L. (2012). *Policy Approaches to Environmental Practice in Agriculture: a review of international literature and recommendations for application in New Zealand*. ARGOS Research Report 12/11.

### **International Conferences and Workshops**

- Dwiartama, A. *The growth and evolution of Alternative Food Networks in Bandung, Indonesia*. The 24<sup>th</sup> International Conference of the Agri-Food Research Network, 3 – 5 December 2017, Bandung: Indonesia.
- Dwiartama, A., Neilson, J. & Permadi, D. *Hilirisasi: Resource-based industrialisation (RBI) in the Indonesian Coffee and cocoa sectors*. The 24<sup>th</sup> International Conference of the Agri-Food Research Network, 3 – 5 December 2017, Bandung: Indonesia.
- Riswanti, I., Dwiartama, A. & Sjarmidi, A. *The coffee, the civet and the certification: on the creation of standards for the most expensive coffee in the world*. The 24<sup>th</sup> International Conference of the Agri-Food Research Network, 3 – 5 December 2017, Bandung: Indonesia.
- Alwasilah, M., Dwiartama, A. & Rosmiati, M. *Perceptions of organic among farmers in West Java, Indonesia*. The 24<sup>th</sup> International Conference of the Agri-Food Research Network, 3 – 5 December 2017, Bandung: Indonesia.
- Dwiartama, A & Effendi, A. *Hybrid of two worlds: a typology of alternative food initiatives (AFIs) and the growth of middle class in Bandung, Indonesia*. The 23rd Australasian Agri-Food Research Network Conference, 7 – 9 Desember 2016, Adelaide: Australia
- Dwiartama, A., Neilson, J. & Pritchard, B. *From chain to network: a preliminary study on Indonesia's chocolate industry*. The 22nd Australasian Agri-Food Research Network Conference, 6 – 9 Desember 2015, Queenstown: NZ
- Dwiartama, A. *The vibrancy of rice in Indonesia's agriculture and food system: a look beyond political economy*. The 21st Australasian Agri-Food Research Network Conference, 23 – 26 November 2014, Sydney: Australia
- Dwiartama, A. *Can resilience be linked to food security? A multi-scalar analysis of resilience in Indonesia's rice agrifood system*. The 20th Australasian Agri-Food Research Network Conference, 2 – 5 December 2013, Melbourne: Australia

- Dwiartama, A. & Piatti, C. *Potential and challenges of a bottom-up approach towards an urban food strategy: the case of Dunedin's local food network*. The 20th Australasian Agri-Food Research Network Conference, 2 – 5 December 2013, Melbourne: Australia
- Dwiartama, A., Rosin, C. & Campbell, H. *Resilience in the making: a review of the New Zealand kiwifruit industry as an assemblage of multiple actors*. The European Society of Rural Sociology (ESRS) Congress , 29 July – 1 August 2013, Florence: Italy.
- Dwiartama, A. *Resilience at what cost? The New Zealand kiwifruit industry in the face of the Psa disease*. The 19th Australasian Agri-Food Research Network Conference, 5 – 8 December 2012, Palmerston North: New Zealand
- Dwiartama, A. *Incorporating actor-network theory to the study of agrifood systems' resilience: A case study of Indonesia's rice agriculture*. The XIII World Congress of Rural Sociology, 29 July – 4 August 2012, Lisbon: Portugal
- Dwiartama, A. *Identifying the Resilience of New Zealand's kiwifruit and Indonesia's rice Agrifood Systems in the Face of Various Shocks*. the 18th Australasian Agri-Food Research Network Conference, 5 – 8 December 2011, Canberra: Australia

#### D. Research Projects

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Submitted	Investigating food sovereignty and the co-creation of a local food system in West Java, Indonesia – the Indonesia Project, Australian National University, Australia [ <i>Principal Investigator</i> ] US\$ 13,000
2018 – 2020	Local Fruits for Local Food Security – funded by the Ministry of Research, Technology and Higher Education, Indonesia [ <i>Principal Investigator</i> ] US\$ 18,000
2017 – 2019	Achieving food security through Alternative Food Networks – funded by the Ministry of Research, Technology and Higher Education, Indonesia [ <i>Principal Investigator</i> ] US\$ 10,000
2017 – 2018	Value chain study of Indonesian coffee and cocoa sector – with Dr. Jeff. Neilson; funded by ACIAR Australia; US\$ 15,000
2017	Initiating a research collaboration on agri-environmental governance in Switzerland and Indonesia – with Dr. Jeremie Forney; funded by SERI Switzerland; US\$ 10,000
2017	Designing Environmental Management Planning Strategy for West Java Province – with Dr. Akhmad Riqqi; funded by the Provincial Environmental Agency, Indonesia; US\$ 5,000
2017	Study of energy flow and material cycle of urban farming systems – funded by ITB Indonesia [ <i>Principal Investigator</i> ] US\$ 8,000
2015 - 2016	Food processing and value chain development in Indonesia – with Dr. Jeff Neilson; funded by the Australia-Indonesia Centre (AIC) Australia; US\$ 4,000
2016	Biodiversity study of <i>Kampung Blekok</i> (a village conserving the Javan Heron/ <i>Ardeola speciosa</i> ) in Bandung – funded by PT. Pertamina [ <i>Principal Investigator</i> ] US\$ 5,000
2016	Developing standards for bamboo as a material for musical instrument (angklung) – with Dr. Eko Mursito Budi; funded by LPDP Indonesia; US\$ 100,000
2015 - 2016	Integrated Urban Farming System for marginal communities in Bandung – funded by ITB Indonesia [ <i>Principal Investigator</i> ] US\$ 4,000
2015	Implementation of Biodiversity Management Plan (BMP) in the construction of access roads for the Upper Cisokan Hydroelectric Dam project – funded by PT. PLN [ <i>Principal Investigator</i> ] US\$ 10,000

2014 - 2015	Mapping local and alternative food movements in Bandung, Indonesia – self-funded
2014 - 2015	Ecologically-based rodent management: developing a system dynamic model for rice production cluster in West Java – with Dr. Achmad Sjarmidi; funded by PT. Pupuk Kujang; US\$ 10,000
2012 – 2013	The Good Food Project: mapping Dunedin’s local food system – with Dr. Cinzia Piatti; self-funded, supported by CSAFE, University of Otago, New Zealand
2012 – 2013	Research Assistant in the Agriculture Research Group on Sustainability (ARGOS) Project, CSAFE, University of Otago, New Zealand

## E. Public Engagements

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2018	Building a foundation for regional food security and food sovereignty. Invited Speaker at the leadership training for 2 <sup>nd</sup> Echelon Civil Servants, July 2018.
2018	Food, Agriculture and Islam: a critical review. Invited Speaker at SALMAN Public Lecture Series, May 2018
2018	Tracing Our Ecological Food Prints. Invited Speaker in KAIL Sharing Day, May 2018.
2017	Introduction: a brief overview of agriculture in Indonesia. Mentor at the Agrifood XIV Pre-Conference Workshop for postgraduate students, November 2017.
2017	From a disciplinary society to a society of control: an historical narrative of agri-environmental governance in Indonesia. Invited Speaker at the University of Neuchatel’s Public Symposium on Agri-environmental governance, Neuchatel, Switzerland, September 2017.
2017	Agro-ecologie: défis agricoles en Indonésie. Invited Speaker at the University of Neuchatel’s Students’ Movie Playing on Sustainability, Neuchatel, Switzerland, September 2017.
2017	Building food security through alternative food movements. Invited Speaker at Forum for Young Indonesians (FYI), Jakarta, July 2017.

## F. Popular Articles [in Bahasa]

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Food as embodied politics. PRO:Aktif Online, May 2018.

Understanding the incompatibility between indigenous community’s local wisdom and modern lifestyle. PRO:Aktif Online, January 2018.

Tracing the meanings of food security. PRO:Aktif Online, August 2014.

Food in the grasps of capitalism. PRO:Aktif Online, August 2014.

## G. Supervisory Students

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Adzani Ghani Ilmannafi’an. Resilience of Cieunteung rural community in the face of floods. Master’s Student in Biomanagement. 2014 (graduated).

Reina Yulianti. Vegetation management along the green corridors connecting two recreational parks in Bandung. Master’s Student in Biomanagement. 2014 (graduated).

Aulia Rahmah. Sustainability of agri-food supply chains: a case of chili pepper in West Java. Master’s Student in Biomanagement. 2015 (graduated).

Ine Riswanti. Creating a sustainable luwak coffee through an integration of animal welfare standards. Master’s Student in Biomanagement. 2015 (graduated).

Mentari Qorina Alwasilah. Perceptions of organic among vegetable farmers in Bandung. Master’s Student in Biomanagement. 2016 (graduated).

Dikdik Permadi. Re-embedding meanings on Geographical Indications: A case from Gayo coffee, Indonesia. Master's Student in Biomanagement. 2017.

Mochammad Fikry Pratama. Management of community-based local fruit production and conservation for food and nutritional security. Master's Student in Biomanagement. 2017.

Luthfi Dwimulya. Evaluating the implementation of urban farming program in the city of Bandung. Master's Student in Biomanagement. 2017.

Muhammad Maulana Sidik. Exploring agro-digital futures in Indonesia. Master's Student in Biomanagement. 2018.

## H. Educational Background

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2014	Ph.D in Geography / Centre for Sustainability: Agriculture, Food, Energy and Environment (CSAFE), University of Otago, New Zealand <i>Thesis title: Investigating resilience of agriculture and food systems: insights from two theories and two case studies – <b>Exceptional PhD thesis</b> in the Division of Humanities</i>
2008	M.Sc in Management of Natural Resources and Tropical Environment, Institut Teknologi Bandung, Indonesia <i>Thesis title: Evaluation and strategic management of nutmeg smallholder estate in Paya Teuk, South Aceh Regency, Indonesia [in Bahasa Indonesia] – Graduated with <b>Cum Laude</b> predicate</i>
2005	B.Sc in Biology (specification in Ethnobotany). Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, Indonesia <i>Thesis title: An analysis of the traditional botanical knowledge of Kampung Kuta indigenous community in West Java [in Bahasa Indonesia]</i>

## I. Professional Memberships and Research Networks

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2011 – present	International Sociological Association (ISA) <i>Member of Research Committee on Agriculture and Food (RC-40)</i>
2018 – 2022	Executive Board Member of RC40 at ISA (elected)
2018 – present	Asian Rural Sociological Association (ARSA)
2011 – present	Australasian Agri-food Research Network (AFRN) <a href="https://afn.co">https://afn.co</a>
2017	<i>Chair of the 24<sup>th</sup> International Conference of the Agrifood Research Network</i> <a href="https://agrifood.sith.itb.ac.id/">https://agrifood.sith.itb.ac.id/</a>
2012 – 2014	Asia:NZ Young Leaders Network (YLN) <a href="http://www.asianz.org.nz/our-work/young-leaders">http://www.asianz.org.nz/our-work/young-leaders</a>

## J. Review and Editorial Works

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Journal of Rural Studies, World Development, International Journal of Sociology of Agriculture and Food, Society and Natural Resources, Journal of Socio-Economic in Agriculture, Agricultural System, Journal of Sustainability Science and Management, *Jurnal Sosio-teknologi* (in Bahasa)

Guest Editor (with Dr. Cinzia Piatti) for Agriculture and Human Values (2016)